APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

Three Dimensional Diffraction of a Monochromatic Electromagnetic Wave, by D. Z. Avazashvili, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXII, 1952, p 29.

Morris D. Friedman
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Scientific - Physics

CTS 65/Feb 55

21,320

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

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Overcharging of Negative Ions Na^-, K^-, O^-, OH^-, and O_2^- With Molecules of Oxygen, by V. M. Dukelskiy, E. Y. Zandberg, 7 pp.

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AEC Tr 1707

Scientific - Chemistry

CTS/DEX 7304

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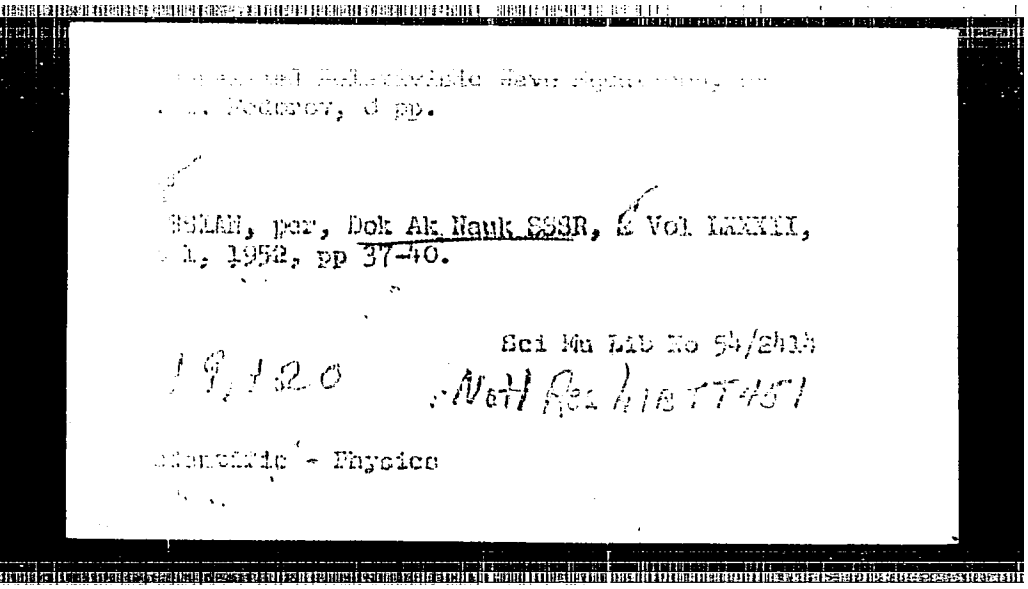

[illegible] Radioactivate Have Hydrogen [illegible]
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Sci Mu Lib No 54/2h14

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Nuclear - Physics

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Spectrum of the Aurora Polaris in the Infrared Region, by N. A. Bogar'yatskiy, M. I. Nordumkovich, 7 pp.

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T-14-RU

Air Res and Dev Command T 9 R

Scientific - Astronomy CIS/DEX RT 403

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Scientific - Metallurgy

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Morris D. Friedman G-104
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Scientific { Chemistry / Physics

Jun 56 CTS/dex

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Mechanism of the Catalytic Oxidation of Tetrahydronaphthalene and Decahydronaphthalene in the Vapor Phase, by S. R. Rafikov, B. V. Suvorov, 6 pp.

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RT - 3769 37,161

Sci - Chemistry

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(FDD 20544)

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Sci - Physics, polarography, electrochemistry

Apr 54 CTS

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JCA 60-2303 C
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Assoc Tech Svc RJ-133

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D.S.I.R. Tr No CTS 14

Scientific - Fuels 1066

List No 49, Apr 1953

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Oct 60

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

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NTC-70-12856-07D

Feb 72

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Deciphering the Crystalline Structure of SiO-VIII,
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Morris D. Friedman G-105
$1.50 35,000

Scientific - Chemistry

Jun 56 CTS/dmx

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DAN, SSSR, Vol. 82, No. 2, pp. 273-275

Title: "Some Characteristics of the Derivatives of Trichlormethylphosphinic Acid"

A. Ya. Yakubovich and
V. A. Ginsburg

Proj: 11844 CD: ---

Blum

SR 11 Apr 52

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

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Comparative Investigation of the Structure of Porous Glasses by Adsorption Methods and Under the Electron Microscope, by S. P. Zhdanov

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D.S.I.R. Tr No T.C.L 44

Scientific - Chemistry

List No 49, Apr 1953

D.S.I.R. T-136 090

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SLA Tr R-1257

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Klimontovich, Yu. L. and Silvin, V. P.
CONTRIBUTION A LA THEORIE DE SPECTRES D'EXCITATIONS DES SYSTEMES MACROSCOPIQUES (K Teorii Spektrov Vozbuzhdenii Makroskopicheskikh Sistem) tr. by Panneneau. 10 Dec 61 [11]p. (Russian text included) 13 refs. CEA Trans. no. R 1450 (text in French).
Order from OTS or SLA $1.60 62-19005

Trans. in French of Akad[emiya] Nauk SSSR. Dokl[ady] 1952, v. 82, no. 3, p. 361-364.

DESCRIPTORS: *Particles, *Electronic systems, *Phase studies, Matrix algebra, Functional analysis, Spectrographic data, Wave transmission.

(Nuclear Physics--Radioactivity, TT, v. 8, no. 3)

62-19005

I. Klimontovich, Yu. L.
II. Silvin, V. P.
III. CEA-tr R1450
IV. Commissariat à l'Energie Atomique (France)

Office of Technical Services

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Scientific - Chemistry
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Assoc Tech Serv - RJ-1058

Sci - Geophys

Jul 58

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Scientific - Geophysics CTS/DEX

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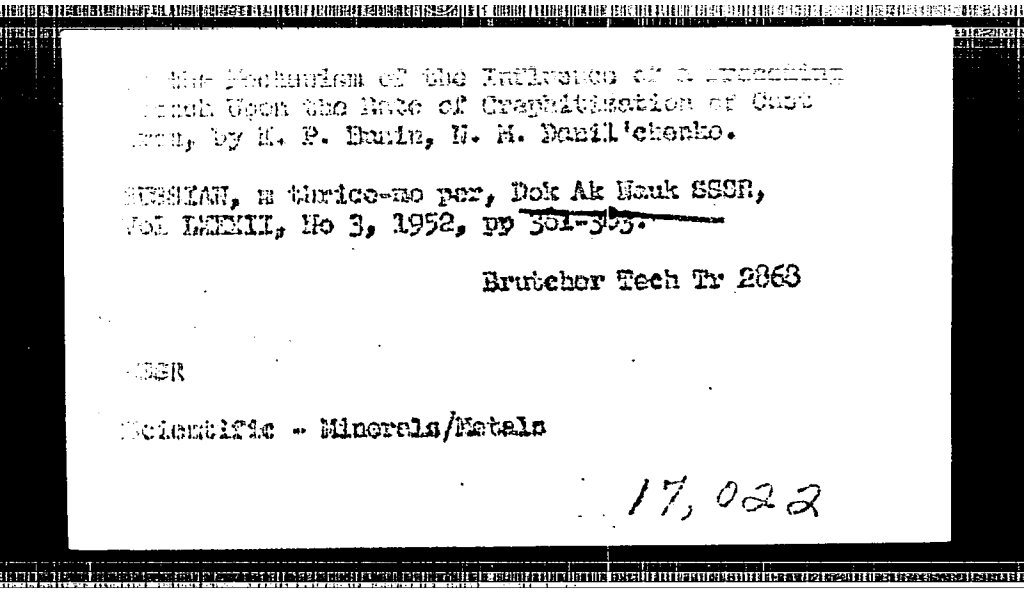

... the Mechanism of the Influence of a Pressure ...
... Upon the Rate of Crystallization of Cast ...
... by M. P. Bunin, N. N. Danil'chenko.

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Vol LXXXII, No 3, 1952, pp 361-363.

Brutcher Tech Tr 2863

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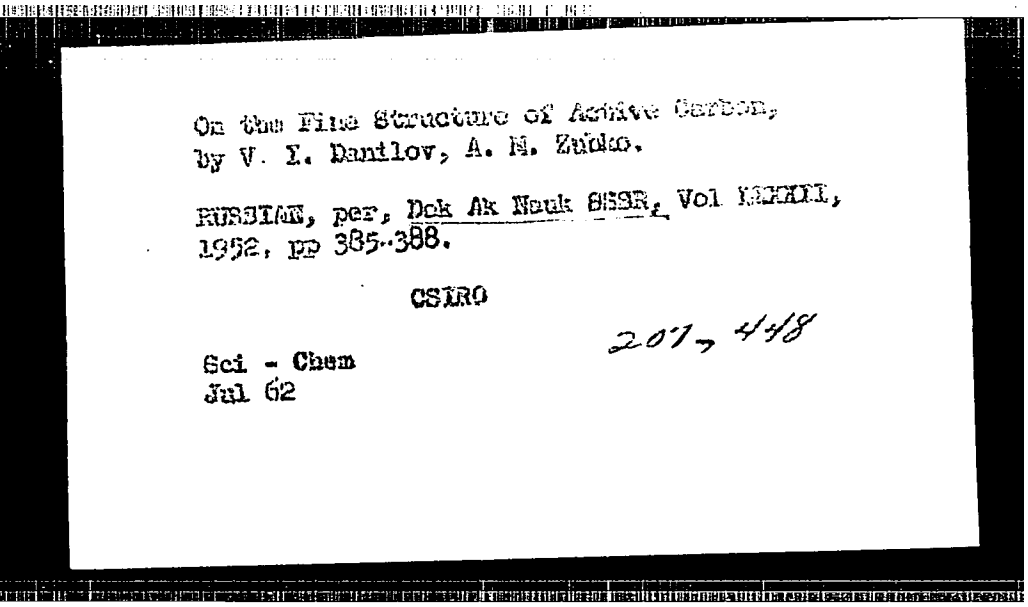

On the Fine Structure of Active Carbon,
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CSIRO

Sci - Chem
Jul 62

207, 448

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NLL 01-8857
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CHEMISTRY

Scientific - [redacted]
FTS/DMX

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

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Radikov, S.R. and Suvorov, B.V.
THE MECHANISM OF THE CATALYTIC OXIDATION OF p-CYMENE IN THE VAPOUR PHASE. 6 p. 9 refs. MTWL: 618.
Order from OTS or ETC $1.55 61-17239

Trans. of Akademiya Nauk SSSR. Doklady, 1952, v. 82, no. 3, p. 415-417.

DESCRIPTORS: *Cymenes, Catalysis, Oxidation, Vapors.

61-17239

I. Radikov, S.R.
II. Suvorov, B.V.
III. MTWL-618
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Mechanism of the Simultaneous Discharge of Ions and the Theory of Electrolytic Refining of Metals, by V. L. Kheifets, A. L. Rotinyan. UNCL. & Apl.

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DSIR LLU M.1308

(loan)

Sci - Phys; Min/Met
Apr 60

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On the Characteristics of Heat Expansion of Gels and Solutions in Gelatine, by R. E. Neiman

RUSSIAN, per Dok Ak Nauk SSSR, 1952, Vol LXXXII, No 3, pp 419-422.

D.S.I.R. Tr No T.C.L. 46

Scientific - Chemistry

List No 49, Apr 1953

1077

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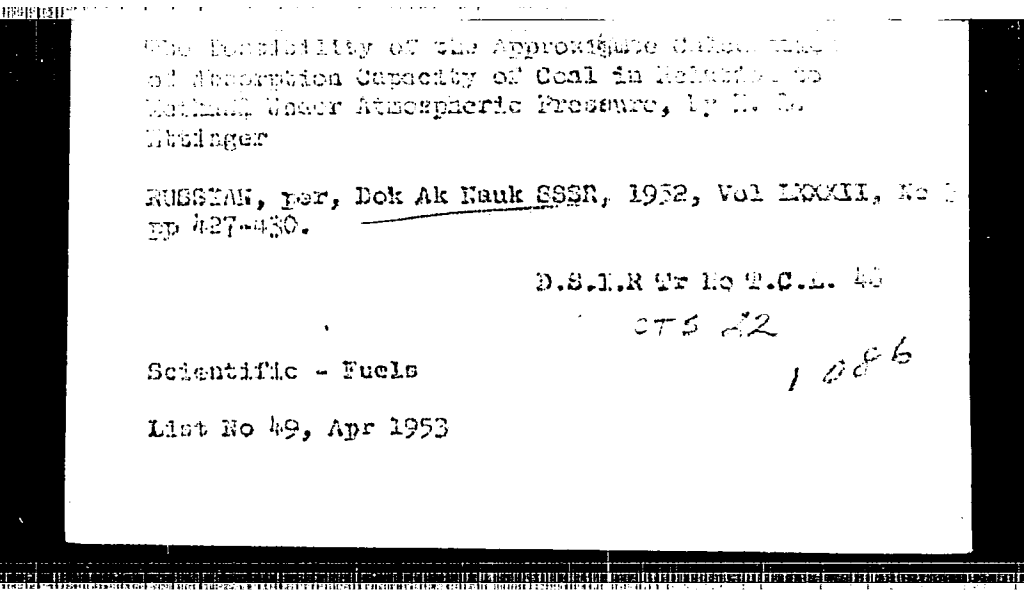

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D.S.I.R Tr No T.C.L. 40

CTS 12

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Scientific - Fuels

List No 49, Apr 1953

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CIA/FDD/X-856

Scientific - Chemistry, biochemistry

Jun 53 CTS 2804

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Scientific - Chemistry

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The Effect of Phosphate Utilized After the Light Phase of Development in Plants of Summer Wheat, by S. K. Ovechkin, 6 pp. UNCLASSIFIED

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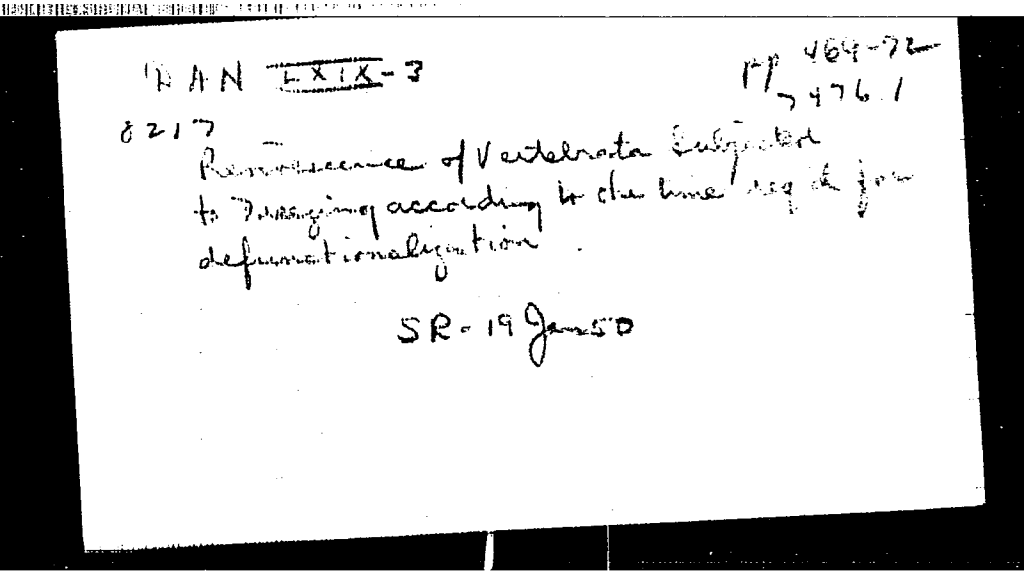

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Reminiscence of Vertebrata Subjected to Damaging according to the time lag of [illegible] defunctionalization.

SR-19 Jan 50

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Scattering of Electrons in Thin Layers, by L. M. Biberman, E. N. Vtorov, R. A. Kovner, N. G. Sushkin, B. M. Yavorskiy, 2 pp.

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US Dept of Commerce
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Sci - Nuclear Physics
Dec 56 OTS

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On the Form of the Impulse in the Ionization Chamber, by A. I. Petrukhin, M. I. Podgoretskiy, N. D. Fedorov, L. N. Shtarkov, M. N. Shcherbakova, 6 pp.

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Air Res and Dev Command
T-201 RU

Scientific - Physics CTS/DEX 13,527

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On the Interaction of a Beam of Charged Particles with an Electron Plasma, by A. I. Akheizer and Ya. B. Fainberg, 3 pp.

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SLA R-1912

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Jul 58

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Mechanism of Synthesis of Amino Acids in Liver, by M. G. Kritsman, K. V. Druzhinina, 12 pp.

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Scientific - Medicine

7098

Nov 53 CTS

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Temperature Dependence of the Coercive Strength of Highly Coercive Alloys, by N. V. Bulgakov.

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AEC Tr 228
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Scientific - Physics

$1.40
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Lake Coho, Oncorhynchus Kisutch (Walbaum)
Morpha Relictus Nova, by P. A. Dvinin,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~XXX~~ LXIX,
No 5, 1949, pp 695-697.

Dept of Interior
QH301 C273 No 285

Sci - Biol

168, 383

Sep 61

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

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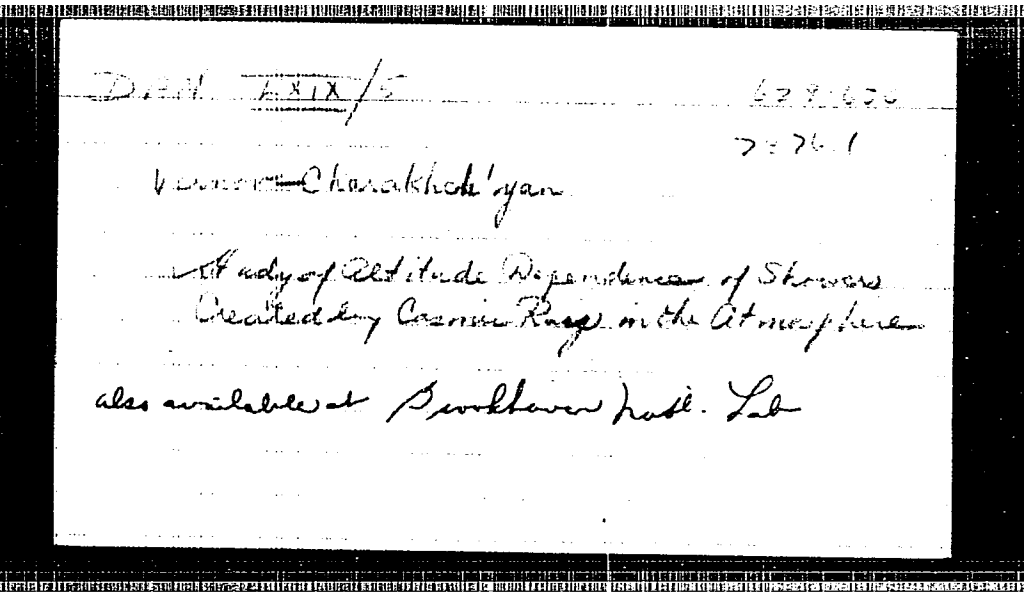
Diss. Exix/5
Varuzhan Chavakhch'yan
Study of Altitude Dependence of Showers
Created by Cosmic Rays in the Atmosphere
also available at Brookhaven Nat'l. Lab

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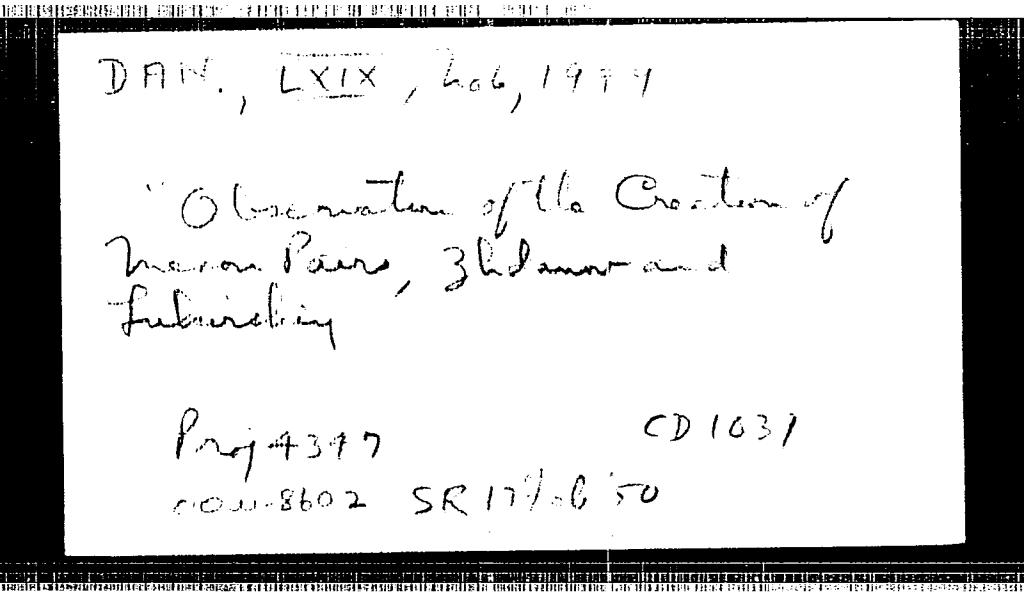

DAN., LXIX, No6, 1974

"Observation of the Creation of Meson Pairs, 3 GeV and Extrapolating

Proj 4377 CD 1031
NOW-8602 SR 177-650

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On the Local Structure of the Temperature Field in a Turbulent Flow, by A. M. Yaglom, 8 pp.

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Sci Tr Center RF-772

Scientific - Physics 10,687

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Changes in the Resistance of Tin and Indium in a Magnetic Field, by E. S. Borovik, 6 pp.

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Sci Mus Lib No 56/3143

Sci - Physics 44,025

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The Two-Dimensional Lamb Problem for an Infinite Elastic Layer Bounded by Parallel Planes, by G. Petrashen', 6 pp.

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Sci - Earth Sci [illegible] Z43,484
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Dependence of the Adsorption of Electrolytes on Potential and Concentration, by A. N. Frumkin.

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Assoc Tech Sv RJ-76

Sci. - Chemistry $8.00 ($1.10)

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About the Possibility of the Application of Color Reaction on Carotinoids in Plant Tissues, by E. V. Budnitskaya, and K. E. Ovcharov

Full translation.

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AEC Tr 1216

Scientific - Biology

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

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Importance of various Spectral Sections of Physiological Radiation for the Growth and Development of Plants, by A. Kleshnin

RUSSIAN, per, Dok Akad Nauk SSSR, No 70, Nov-Feb 11, 1950,

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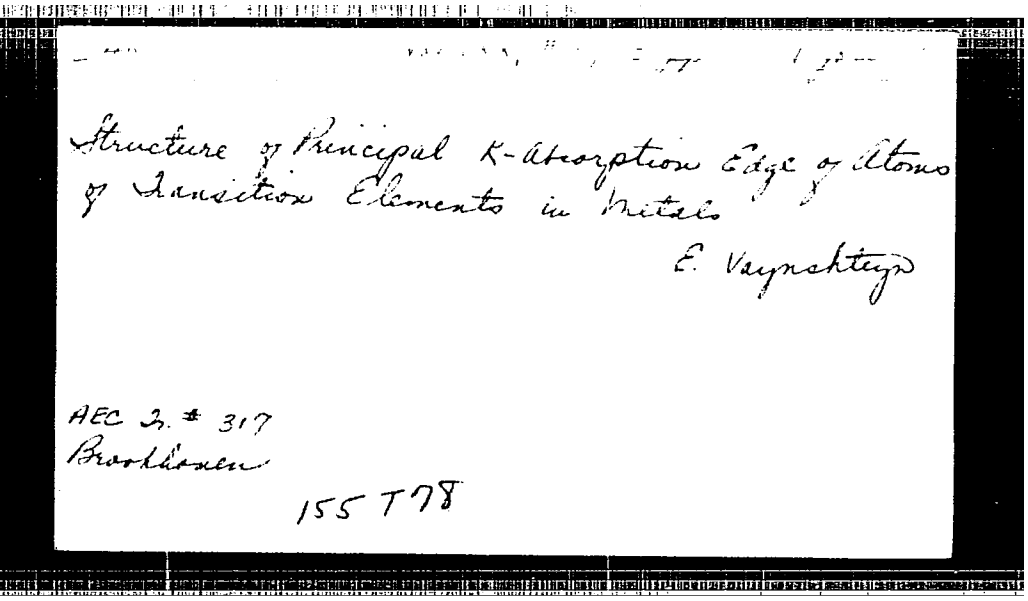

Structure of Principal K-Absorption Edge of Atoms of Transition Elements in Metals

E. Vaynshteyn

AEC tr. # 317
Brookhaven

155 T78

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

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Spherical Functions on Symmetric Riemannian Spaces, by I. M. Gel'fand 6 pp.
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About the Knowledge of the Discharge of Dissolved Substances From Continents, by O. A. Alekin, L. V. Brazhnikova, 22 pp.

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CIA/FDD XX-1145
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Motulevitch, G.P., Fabelinskif, I.L., and Steingauz, L.N.
DE ABSOLUTE ACOUSTISCHE MICRORADIOMETER (The absolute acoustical microradiometer). 6 p. 2 refs. MTWL: 466. (Text in Dutch).
Order from OTS or ETC $1.55 61-17031

Trans. of Akndemiya Nauk SSSR. Doklady, 1950, v. 70, no. 1, p. 29-31.

DESCRIPTORS: *Acoustics, *Microwaves, Measurement.

61-17031

I. Motulevitch, G.P.
II. Fabelinskif, I.L.
III. Steingauz, L.N.
IV. MTWL-466
V. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

Office of Technical Services

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S-4233 (NY-1558)

The Unitary Variation of the Gradient of Atmospheric Electric Potential, by N. A. Parasonov, 3 pp.

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Isotopic Exchange of Phosphorous Between the Phosphate Ion and Esters of Phosphoric Acid by A. F. Lukovnikov, V. P. Medvedev, M. B. Neiman, An. n. Nesmeyanov and I. S. Shaverdina

RUSSIAN, Dok Ak Nauk SSSR, Vol 70, No 1, pp 43-5, 1950

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Sci Museum Lib No 50/3274 - London

SLA 61-17459

Scientific

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Aluminthermic Corundum, by Kamentsev, M. V., and Fraifeld, M. A.

RUSSIAN, per, Doklady Akademii Nauk SSSR, 1950, Vol 70, pp 71-73.

Boi Museum Lib No 50/2860

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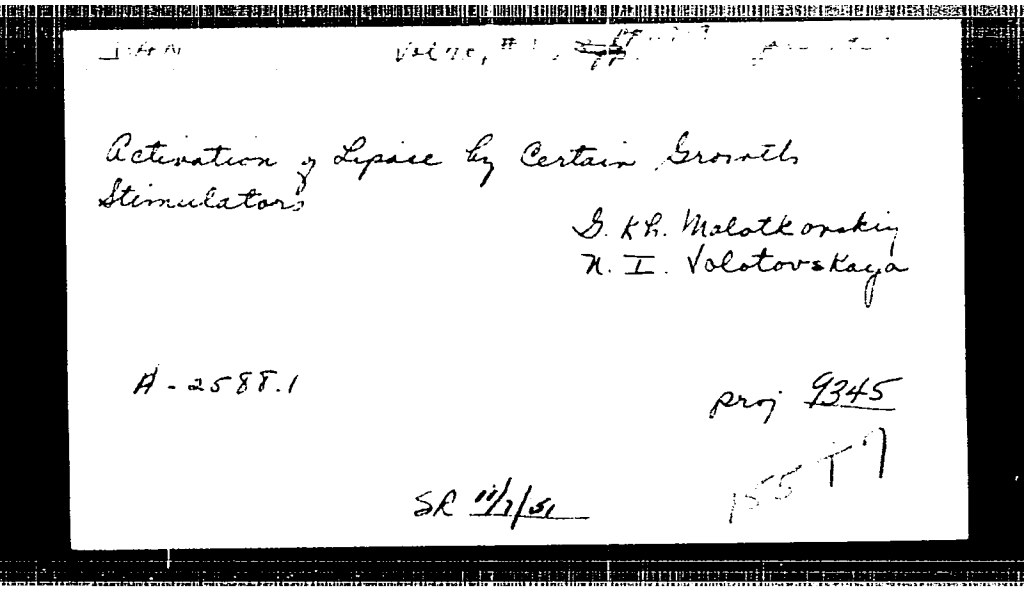

Activation of Lipase by Certain Growth Stimulators

G. K. Malakhovskiy
N. I. Volotovskaya

A-2588.1

proj 9345

SR 11/3/51

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

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Internal Demagnetizing Factor of Highly Coercive Alloys, by N. V. Dulgakov.

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AEC Tr 229

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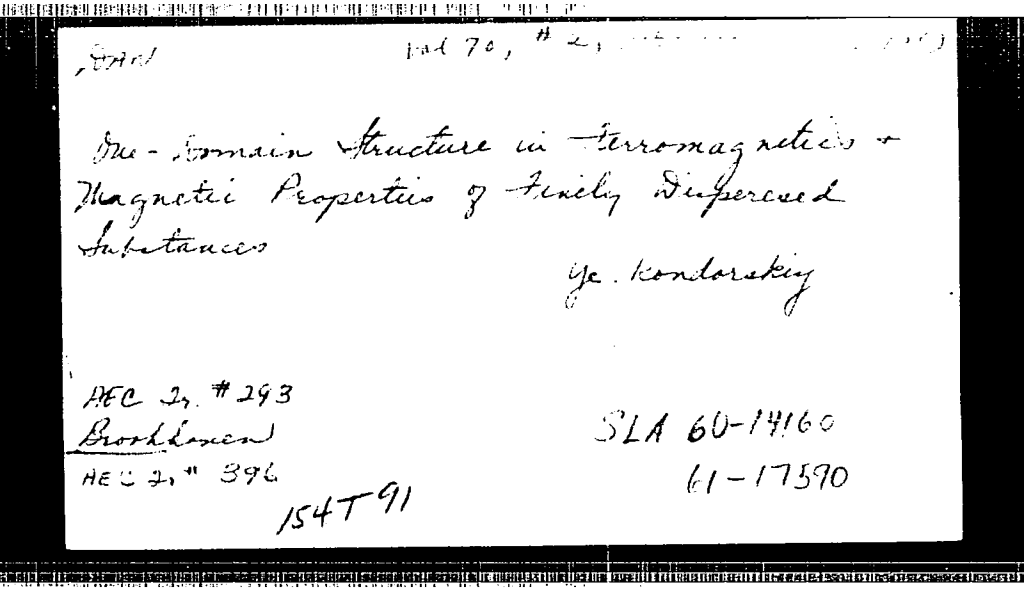

Jul 70, # 2, ...

Fine-Domain Structure in Ferromagnetics & Magnetic Properties of Finely Dispersed Substances

Ye. Kondorskiy

AEC tr. #293
Brookhaven
AEC tr. # 396

SLA 60-14160
61-17590

154T91

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Paramagnetic Resonance Absorption in Crystallic Powders of Some Compounds of Rare Earth Elements, by S. A. Al'tshuler, V. Ya. Kurenev, B. G. Belikov.

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AEC tr 327

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

DAN, Vol LXX, No 2, 225-228 (1950)

"On the Absorption Spectra and the Radiation of KCl-Tl sublimate Phosphor".

K.V. Shalimova

Done by NRL

~~Trans. # 289~~

Trans. # 137/NRL 287-RT-690

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030014-6

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(FTD 12462)

The Action of Carbon Tetrachloride on Alkyl Esters of Pyrophosphorous Acid, by Gil'm Kamay

Full translation

RUSSIAN, thrice-mo, Dok Ak Nauk SSSR, Vol LXX, No 2, Moscow/Leningrad, 1950, p 233.

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SLA Tr R-658

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Sep 57

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The $FeS-FeO-SiO_2$ System, by Ya. I. Ol'shanskii

Full translation.

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Brutcher Tr No 2811

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Jul 53 CTS/DEX
Price $4.90

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SLA R-1188

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Influence of Foreign Molecules on the Absorption Spectrum and Fluorescence of Magnesium Phthalocyanine and Chlorophyll in Solution, by E. B. Evstigneyev, V. A. Gavrilova, A. A. Krasnovskiy, 4 pp.

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AEC-2156

Jun 56/dax

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DAN SSSR, Vol. LXX, No. 2, pp. 275-277.

N. M. Sisakyan and V. Ya. Voronkova, "Exchange of Radioactive Phosphorus Between the Graft and Wilding of a Hybrid Plant"

proj 873r ST-290

154T8 Se 4/VI/5-1

L. M. Bl

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Formation of Silicon Carbide in Electrolysis of Cryolite-Alumina Melts by Antipin, P. F., and Ivanova, L. I.

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Influence of a Magnetic Field on the Solid-Phase Reaction in the System Calcium Oxide-Silica, by P. P. Budnikov, O. P. Mchedlov-Petrosyan and Shou-Shakhbudagyan,

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BRL Comm No 488.

Sci Museum Lib No 50/3754 - London

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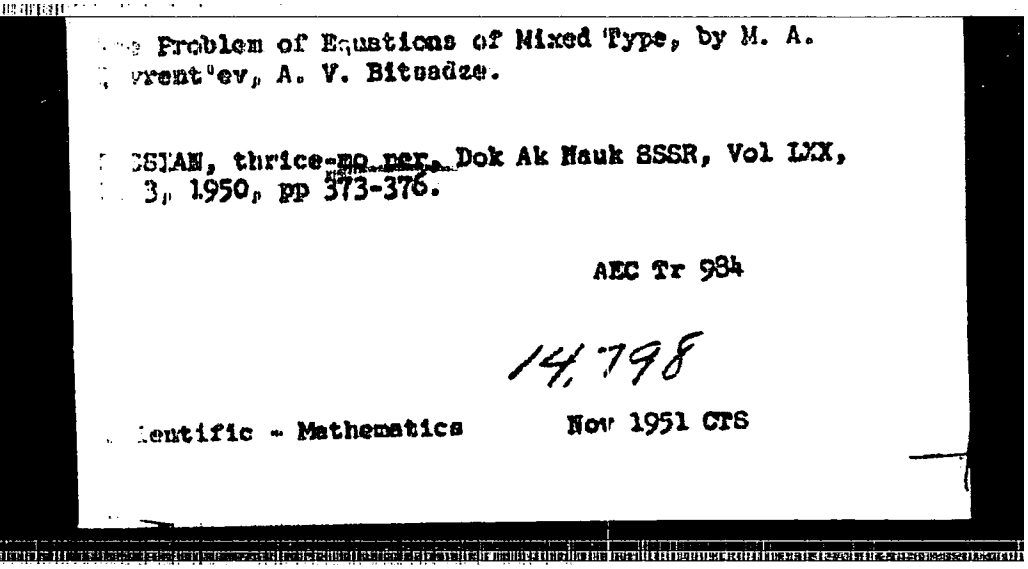

Problem of Equations of Mixed Type, by M. A.
vrent'ev, A. V. Bitsadze.

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Uncl (SC-T-713022) POSSIBLE ASYMMETRY IN SHAPES OF PLANETS. Kozyrev, N. A. Translated by Anna Vakar (Sandia Labs., Albuquerque, N. Mex.), from Dokl. Akad. Nauk SSSR; 70: 389-92(1950). 8p.

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ND-34 P RC

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Putseiko, E. K. and Terenin, A. N.
ACCUMULATION OF SEMICONDUCTOR ELECTRONS ON THE ORGANIC DYESTUFFS ADSORBED ON IT. [1962] 6p. (2 figs. omitted) 4 refs.
Order from OTS or SLA $1.10 62-14050

Trans. of [Akademiya Nauk SSSR. Doklady] 1950, v. 70, no. 3 [p. 401-404].

DESCRIPTORS: *Semiconductors, *Electrons, Photoelectric effects, Photosensitivity, Sensitivity, *Dyes, Adsorption, Thallium compounds, Halides.

(Chemistry--Physical, TT, v. 8, no. 7)

62-14050

I. Putseiko, E. K.
II. Terenin, A. N.

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A New Piezo-Electric Substance, by G. A. Smolenskiy, 3 pp.

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Sci Museum Lib No 51/2650 - London

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Studying the Formation of Steam Bubbles on a Heating Surface, by Sh . G. Dzhandzhgava, 6 pp.

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ATIC F-TS-9358/E

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Jan 58

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Application of Boolean Matrix Algebra to the Analysis and Synthesis of Relay-Switching Circuits, by A. G. Lunts, 5 pp.

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Morris D. Friedman $2.50 A-40

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Mar 59

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The reactivity of hydrogen atoms in salts of acetic acid, by G. P. Mikulkhin.

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DAN, 70, No 3, P 441-4

"Poisoning and Restoration of Silica Gel Surface upon adsorption of Vapors" A.V. Kiselev, N.N. Mikos-Avgul', K.D. Shcherbakova

evaluated in 00-B-16814

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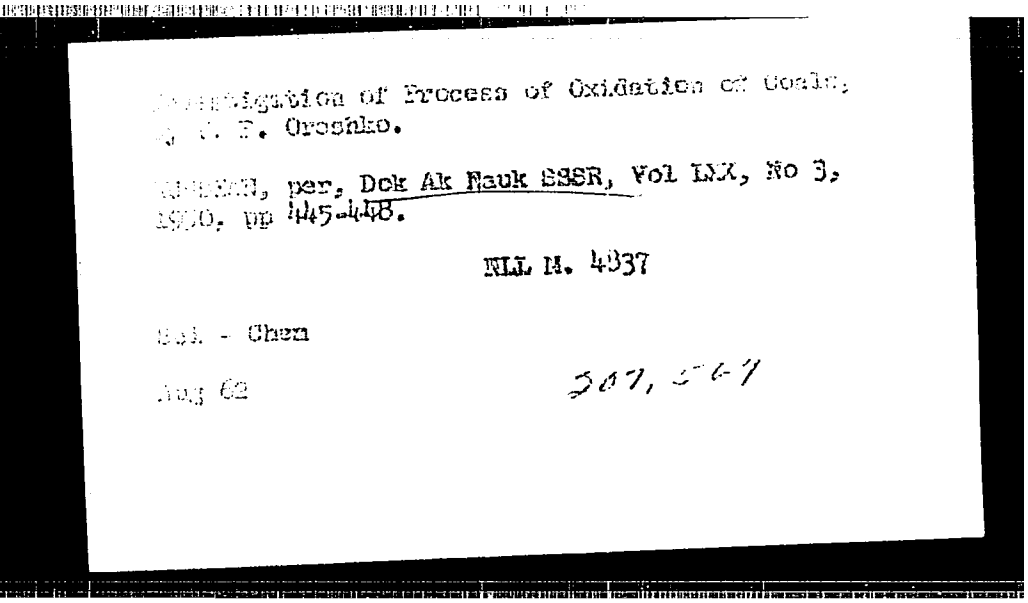

Investigation of Process of Oxidation of Coals,
A. I. P. Orochko.

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NLL M. 4937

Coal - Chem

Aug 62

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GEL'D, P. V.
ESIN, O. A.

Doklady Akademii Nauk SSSR, vol. 70, 1950, No. 3, pp. 473-475; 1 table, 1400 words.

Slags Containing Silicon Monoxide.

Brutcher Trans., Order No. 2532, $2.65

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REVERSIBLE OXYGEN ELECTRODE BASED ON MERCURY IN ALKALI SOLUTIONS AND THE MECHANISM OF CATHODIC REDUCTION OF OXYGEN, BY V. S. BAGOTSKIY, D. L. MOTOV, 7 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL LXX, NO 3, 1950, PP 501-504.

NAVY TR 3231/APL T-318

SCI - CHEM

SEP 62

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The Influence of Some Fermentative Poisons on the Photochemical Activity of Isolated Chloroplasts, by T. F. Andreyeva, L. E. Zubkovich.

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AEC Tr 1054

AEC/UCRL 78 12,745

Scientific - Chemistry, Biochemistry Dec 1951 CPS

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Certain Problems of Mixed Type, by A. V. Bitsadze.

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Impossibility of an Algorithm for the Decision Problem in Finite Classes, by B. A. [redacted] Trahtenbrot.

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Sep 63

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Use of Group Theory to Analyze Crystal, by M. S. Akulov, I. I. Fel'dshtein, 8 pp.

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SLA R-1548

May 58

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SLA 61-17464

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A dynamic Method for the Investigation of Electrical Contacts by S. E. Khaykyn and G. K. Denyshev and A. E. Salomonovich, 7 pp.

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The Problem of the Strength and Plasticity of Concrete, by O. Ya. Berg.

RUSSIAN, Dok Ak Nauk SSSR, Vol 70, No 4, 1950, pp 617-20.

Sci Museum Lib No 51/0093 - London

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Alkylation of Some Aromatic Hydrocarbons and Hydroxy-Compounds With Acetylene, using a boron Fluoride-based Catalyst, by V. L. Vaiser, 8 pp.

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Sci Museum, Lib No 51/3156. London

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New type of Linear-Polycondensation Reactions-Molecular Rearrangement, by V. V. Korshak and G. S. Kolesnikov,

RUSSIAN, Dok Ak Nauk SSSR, Vol 70, No 4, 1950, pp 625-7.

Sci Museum Lib No 50/3756 - London

Sci

SLA R-2 785

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DAN Vol 70, #4, pp 633-5 (1950)

Clarification of Phase Diagram of the Iron-Chromium-Carbon System

B. B. Lisichits
K. V. Popov

Brutcher Trans. #2546

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Dok Ak Nauk SSSR, vol 70, No 4 (1 Feb 1950),
pp 641-643

Dilatometric Investigation of the Growth of Crystals at High Temperatures.

Ya. I. Ol'shanskiy

Phys 7s-69

DEC 11 1950

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Two States of Hydroperoxides of Acids, by
Z. K. Mayzus, G. Ya. Timofeyeva, N. M. Emanuel',
5 pp.

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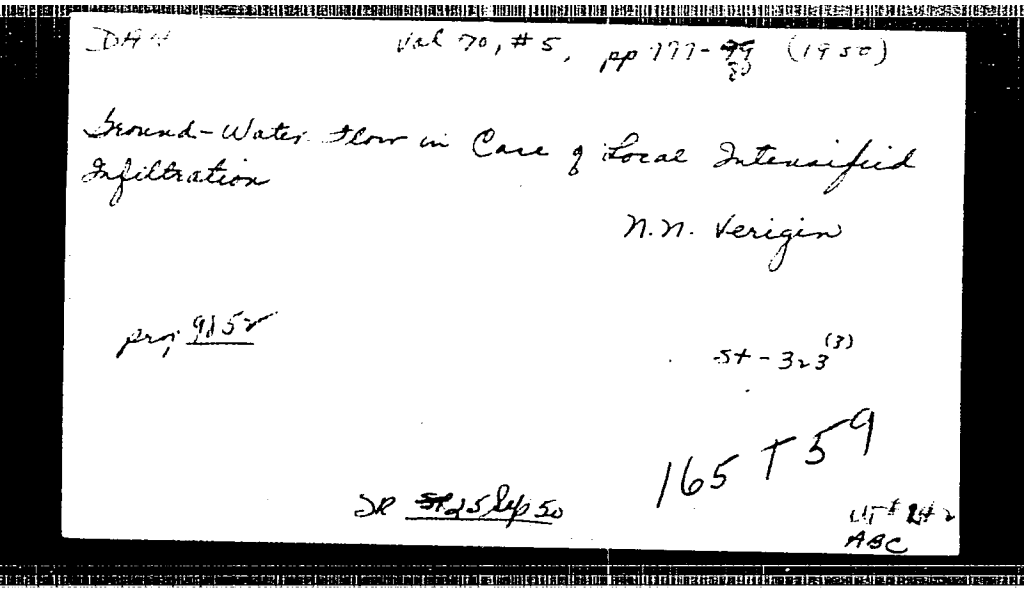

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